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"Dependable Seeds"

for

1933

62.09
VEGETABLE
SEED TRIALS
HORTICULTURE
JAN 26 1933



Roggli Swiss Giant Pansies (one-fourth actual size).
See page 19

CAMPBELL SEED STORE

1335 East Colorado St. 137 West Colorado St.
PASADENA, CALIFORNIA

Pasadena's Tournament of Flowers focuses the world's attention on Southern California as a year-around flower garden.

Recognizing that none but the very best varieties of seeds deserve a place here, for 23 years Campbell Seed Store has sought the best, from grower-specialists in California, and in Europe.

Good seeds grow their own reputations. Let our reputation grow in your garden.

Campbell's Flower Seed Planting Suggestions For Southern California

Sow in Spring

These in left columns

Sow in Fall

These in right columns

FOR EDGINGS AND BORDERS

Ageratum	Aster	Alyssum	Pansy
Begonia	Marigold	Bellis	Pyrethrum
Coleus	Nasturtium	Candytuft	Shasta Daisy
Dianthus	Phlox	Dusty Miller	Cupid Peas
Gomphrena	Petunia	Myosotis	Viola
Lobelia	Zinnia	Nemophila	Dimorphotheca

EVERLASTINGS

Physalis	Lunaria	Acroclinium	Grasses
Gomphrena	Statice	Helichrysum	Rhodanthe
Gypsophila paniculata		Xeranthemum	

FOR FOLIAGE EFFECT

Amaranthus	Kochia	Acanthus	Pyrethrum
Castor Bean	Coleus	Dusty Miller	Grass Pinks

FOR FRAGRANCE

Carnation	Nicotiana	Alyssum	Stock
Dianthus	Sweet Sultan	Mathiola	Sweet Pea
Heliotrope	Sweet William	Mignonette	Wallflower

FOR GROUND COVER

Anagallis	Portulaca	Alyssum	Linaria
Nasturtium	Verbena	Nemophila	Virginia Stock
Nolana	Leptosiphon	Wild Flowers	Brachycome

SHADE-ENDURING

Aquilegia	Foxglove	Anemone	Cyclamen
Begonia	Mimulus	Bellis	Delphinium
Cineraria	Primula	Clarkia	Godetia
Coleus	Oenothera	Myosotis	Nemophila
Campanula	Vinca	Pansy	Browallia

FOR SUNNY ROCK GARDENS

Sow in Spring: Abronia, Anagallis, Arabis, Armeria, Aubrietia; Calandrinia, Cerastium, Helianthemum, Iberis, Leptosiphon, Lobelia, Nolana, Portulaca, Sanvitalia, Tagetes signata, Verbena.

Sow in Fall: Bellis, Campanula pusilla, Dianthus, Myosotis palustris, Nemesia, Nemophila, Phacelia, Virginian Stock.

VINES

Sow in Spring: Antigonon, Asparagus plumosus, Australian Pea Vine, Balloon Vine, Balsam Apple and Pear, Canary Bird Vine, Cardinal Climber, Coboea, Cypress Vine, Gourds, Hyacinth Bean, Japanese Hop, Kudzu Vine, Lathyrus latifolius, Mina lobata, Moon Vines, Morning Glories, Phaseolus or Snail Vine, Scarlet Runner, Wild Cucumber.

Sow in Fall: Early Spencer Sweet Peas.

All Seeds Carried in Bulk

Should you not find the certain variety of seed you want, in this catalogue, ask us for it. We are in touch with the leading growers in this country and abroad, and can get for you kinds not in stock in from 3 to 30 days.

We Put up Our Own Packets

All seeds and books sent postpaid; prices of roots and plants do not include postage. All prices subject to change without notice.

Directions and advice are part of our service. Call on us when you want to hire a gardener.

Ask for our special Sweet Pea Circular and our Bulb List, both ready in July.

Seed-Sowing Suggestions

Open ground should be so deeply soaked and dug, and the surface raked so finely in advance, that seed sown outside will need little if any watering to bring them up.

For seed boxes use soil composed of equal parts of loam, sharp sand, and leaf mold or peat moss. It should be moist and crumbly throughout, but not sticky.

Cover seeds lightly, the old rule of three times the thickness of the seed holds good in the open, and half that depth for flats. Sifted peat or leaf mold is the best covering, sand the next best. Press surface evenly after sowing. Very fine seeds should be sown on the surface and merely pressed in, or barely covered with a sifting of sphagnum-moss dust.

Watering is most important; use a very fine sprinkler and water gently and evenly whenever the surface shows dryness. Seedlings to do well must have room; if growing where they are to remain, thin them out early; if crowded in seed box, transplant when they get their third or fourth leaf to another box, setting them at least one inch apart.

Plant out the seedlings when they are three or four inches tall before they receive any check. For best results, fertilize and irrigate by trench, and be prepared to fight blight and insect pests.

Flowers

The **germinating period** of all the most popular flower seeds has been compiled, and is included in the description of the varieties in this catalog, abbreviated thus: Germ. per. 10 days.

ABRONIA umbellata (Sand Verbena).

Rosy lilac, verbena-like flowers; trailer for sunny rockery or window box; sow November to March. Pkt., 10c.

ABUTILON maximum (Flowering Maple). Per.

Pink, yellow, and red, bell-shaped flowers in six months from seed; 3 feet; sow February and March; mixed. Pkt., 10c.

ACANTHUS latifolius mollis. Per.

Green-foliaged decorative plant; lavender flowers; 3 feet; sow October to May. Pkt., 10c.

ACHILLEA ptarmica (The Pearl). Per.

Small double white flowers in clusters, for beds and bouquets; 2 feet; sow March to July. Germ. per. 10 to 15 days. Pkt., 10c.

ACONITUM Napellus (Monk's Hood). Per.

Dark blue flowers in delphinium-like spikes; 3 to 5 feet tall; sow March to July. Germ. per. 6 months. Pkt., 10c.

ACROCLINIUM roseum.

Pink and white, double, everlasting flowers; bloom in 8 weeks; mixed; 1½ feet high; sow November to March. Germ. per. 12 days. Pkt., 10c.

ADONIS Aestivalis (Pheasant's Eye).

Deep crimson, darker-centered flowers; feathery foliage; 1 foot; sow October to January where they will remain. Pkt., 10c.

AGATHEA coelestis (Blue Daisy). Per.

Clear blue with yellow disk; 1 to 2 feet high; good border or low hedge; sow March to Aug. Pkt., 10c.

AGERATUM Mexicanum (Floss Flower).

Blue, feathery flowers in clusters; very long-blooming, all summer and fall; sow February to August. Germ. per. 5 to 10 days. Tall Mexican, 2 feet, for cutting; Blue Ball, 8 in., for borders. Pkts., 10c.

AGROSTEMMA coronaria (Rose Campion). Per.

Blood red flowers, with silvery foliage; for beds or cutting; 2 feet; sow March to September. Germ. per. 8 to 18 days. Pkt., 10c.

ALONSOA Warscewiczii.

Bright scarlet flowers in racemes; dark green foliage; 1½ feet high; sow Feb. to April. Pkt., 10c.

ALSTROEMERIA (Peruvian Lily). Per.

Orange, streaked red; forms bulbous root; 2 to 3 feet high; sow September to June. Pkt., 20c.

ALYSSUM, Sweet

White, lilac, cream, fragrant heads of tiny flowers; fine for edgings, beds, or ground cover; sow any time. Germ. per. 5 to 8 days. Carpet of Snow, 3 in.; Lilac Queen, Little Gem, Cream Yellow, 6 in.; Maritimum, 1 foot. Pkts., 10c.

ALYSSUM saxatile compactum. Per.

Golden yellow, and Sulphureum, pale yellow; fine border; 1 foot; sow March to July for late spring blooming. Pkts., 10c.

AMARANTHUS

Colored, showy foliage: Molten Fire, fiery crimson; Tricolor, green, scarlet, and gold; drooping red tassels: Caudatus (Love-Lies-Bleeding); 3 feet; sow March to June. Germ. per. 5 to 10 days. Pkts., 10c.

ANAGALLIS grandiflora.

Vivid blue, brick-red, lavender; for sunny rockeries, low beds, and borders; 8 inches; sow February to May. Blue, and Mixed. Pkts., 10c.

ANCHUSA capensis.

Bright blue, large, Forget-me-not-like flowers, in sun; 2 feet; sow January to April. Pkts., 10c.

ANCHUSA Italica grandiflora. Per.

Gentian blue, large, Forget-me-not-like flowers; Dropmore variety; 3 to 5 feet tall; sow March to July. Germ. per. 30 days. Pkts., 10c.

ANEMONE coronaria (Wind Flower). Per.

Red, blue, lavender, pink, white, poppy-like flowers; 1 foot; sow July to November for bloom following spring. Germ. per. 20 to 60 days. French de Caen, large, improved single strain Mixed; St. Brigid, double Mixed. Pkts., 10c.

ANTIGONON leptopus (Mexican Mountain Rose). Per.

Rose-pink flowers in clusters, on tender vine, in late summer; makes quick growth each summer after second or third year; sow Nov. to June. Pkts., 15c.

ANTIRRHINUM (Snapdragon)

Rich colors in a wide range, with a long blooming season, make this one of the best bedding and cutting annuals; sow July to February. Germ. per. 8 to 12 days.

Maximum (largest-flowered; 2½ to 5 feet:

- Appleblossom, light pink, white throat
- Canary Bird, light yellow
- Cattleya, light lavender
- Copper King, reddish copper
- Fire King, copper rose and yellow
- Garnet King, deep velvety red
- Golden Queen, yellow with lilac throat
- Gotelind, salmon and old rose
- Old Gold, orange and old rose
- Rose, pure rose pink
- Ruby, bright carmine red
- Snowflake, pure white
- Wallflower, deep bronze
- All Colors Mixed. Pkts., 15c.

Majus grandiflorus (tall; 2 to 4 feet):

Evening Sky, soft salmon and cream

Feltham Beauty, rose pink

Harmony, rose and gold

Yellow King, pure golden yellow. Pkts., 10c.

Nanum grandiflorum (Medium; 1½ to 2 feet):

Amber Queen, yellow and pink

Beacon, pure salmon rose

Black Prince, red foliage and flowers

Carmine Queen, rich carmine rose

Climax, rich orange, shaded gold

Empress, deep velvety red

Golden Monarch, large pure yellow

Mauve Queen, mauve lavender

Nelrose, rich coral pink

Silver Pink, light pink

White Wonder, new large white

All Colors Mixed. Pkts., 10c.

Majestic (Maximum flowers; Medium height):

Eldorado, deep golden yellow

Orange King, orange and old rose

Red Chief, rich deep scarlet

Rose Marie, rich deep rose

Sunset, salmon and terra cotta

Twilight, apricot, shaded salmon. Pkts., 15c.

Tom Thumb (for borders; 6 inches):

All Colors Mixed. Pkts., 10c.

AQUILEGIA (Columbine). Per.

Yellow, pink, blue, orange, and red. large, airy flowers, on graceful plants in spring and early sum-



Arctotis Hybrids

mer; stand sun or partial shade; 2 to 3 feet; sown April to August, will bloom next spring. Germ. per. 12 to 60 days. Chrysantha, yellow; long-spurred varieties: Rose Queen, rose pink; W-F Long-Spurred Hybrids Mixed; Mrs. Scott Elliott's improved mixture. Pkts., 15c.
Long-Spurred Blue shades; Long-Spurred Orange and Scarlet shades. Pkts., 25c.

ARABIS Alpina (Rock Cress). Per.

White, fine flowers, forming blanket of bloom in spring in sun, on poor soil; 8 inches; sow January to May. Pkt., 10c.

ARCTOTIS (African Daisies).

Large daisies on long stems, for cutting and beds; Grandis, pale lilac; New scapigera hybrids, many shades of yellow, orange, bronze, red, and lavender, fine in extra-dry, sunny place; 2 feet; sow October to May. Pkts., 10c. See illustration, previous page.

ARISTOLOCHIA (Dutchman's Pipe Vine). Per.

Purplish, curious flowers on rampant vine, with glossy, heart-shaped leaves; seed germinates slowly; sow December to March. Pkt., 10c.

ARMERIA maritima (Sea Pink; Thrift). Per.

Rose-pink flower-clusters above grassy foliage; for rockeries and borders; 6 to 10 inches; sow January to May. Pkts., 10c. See illust., previous page.

ASPARAGUS. Per.

Sprengeri, for pots and hanging baskets; Plumosus nanus, feathery, fern-like foliage for bouquets. Sow March to September. Germ. per. 15 to 30 days. Pkts., 10c.

ASTER

One of the best summer bedding and cutting annuals; sow all varieties February to May, Single Rainbow as late as August. Germ. per. 5 to 10 days.

California Giants (long-stemmed, double, curly-petalled; 2½ feet): Rose, Peachblossom, Light Blue, Purple, White, and Mixed. Pkts., 15c.

Late Beauty (long-stemmed, double, incurve-petalled; 2½ feet): Rose, Peachblossom (flesh), September Beauty (shell pink), Light Blue, Purple, Crimson, White, and Mixed. Pkts., 10c.

Early Beauty (same as Late Beauty except blooming a few weeks sooner): Mixed. Pkt., 10c.

Heart of France, brilliant rich red, double; 2 feet. Pkt., 10c.

Giant California Sunshine, new large, single, anemone-centered; 2½ feet: Mixed. Pkt., 15c.

Single Rainbow (very floriferous for bedding and cutting; 2 feet): Pink, Rose, Light Blue, Purple, Red, and Mixed. Pkts., 10c.

Pompon Mixed (bushy plants with many small, double, quilled flowers; 15 inches): Pkt., 10c.

ASTER (Michaelmas Daisy). Per.

Blue, lavender, and pink shades, for late Fall beds; 3 feet; sown February to April, bloom same year. Pkt., 10c.

AUBRIETIA. Per.

Purple shades; for sunny rockery or border; 6 inches; sow January to May; large-flowering Hybrids Mixed. Pkt., 10c.

AUSTRALIAN PEA VINE (Dolichos lignosus). Per.

Rose-pink, small, pea-shaped flowers on rapid evergreen vine; sow November to March. Pkt., 10c.

BACHELOR'S BUTTON (See Cornflower)

BALLOON VINE (Cardiospermum).

White, small flowers; inflated seed-pods resemble balloons; rapid climber; sow March to May. Germ. per. 15 days. Pkt., 10c.

BALSAM (Lady's Slipper).

Pink, salmon, red, white, double, camellia-like flowers on bushy plants in sun or partial shade; 18 inches; sow March to May. Germ. per. 8 to 10 days. Mixed. Pkt., 10c.

BALSAM VINES (Momordica).

Yellow flowers on good foliage vines, with showy fruits; sow March to May. Germ. per. 30 days. Apple, scarlet fruit; Pear, orange fruit. Pkts., 10c.

BARTONIA (Mentzelia) (Blazing Star).

Golden yellow, large, with many stamens; Calif. native, for sun and dry soil; 2 feet; sow December to April. Pkts., 10c.



Single Tuberos-rooted Begonia

BEGONIA. Per.

Useful bedding and pot plants, for full or partial shade; sow January to May; fibrous-rooted: *Luminosa*, scarlet, brown foliage; *Prima Donna*, rose-pink, green foliage; *Xmas Cheer*, vivid red, green foliage; *Bedding Queen*, large bright pink; *Semper-florens Mixed*. Pkts., 15c. Tuberos-rooted: *Single Mixed*; *Double Mixed*. Pkts., 50c.

BELLIS perennis (English Daisy). Per.

Pink, red, and white, double flowers for edgings and low beds in sun or shade; sow November to February. Germ. per. 5 to 10 days. *Monstrosa* (large-flowered) sorts: *Rose*; *White*; *Red*; *Etna*, quilled red; new *Idylle*, partly-quilled red; *Mixed*. *Single mixed*, for naturalizing; 6 inches. *Colossal White*, long-stemmed; 1 foot. Pkts., 10c.

BIDENS (Miniature Cosmos).

Golden yellow, star-like flowers, on compact bushes with finely-cut foliage; 1½ feet; sow February to May. Pkts., 15c.

BOLTONIA latisquama. Per.

Lilac-pink, aster-like flowers in clusters, through summer; 4 to 6 feet; sow January to June. Germ. per. 30 days. Pkt., 10c.

BRACHYCOME Iberidifolia (Swan River Daisy).

Blue, pink, and white flowers like small *Cinerarias*, for low winter and spring beds and ground-cover; 10 inches; sow November to April. Germ. per 10 days. *Blue Star*, and *Red Star*, new, with pointed petals, 15c Pkt.; *Blue*, *Pink*, *Mixed*. Pkt., 10c.



Brachycome, or Swan River Daisy

BROWALLIA elata.

Rich blue, star-shaped flowers in all seasons, and in sun or shade; 1 foot; sow any time. Germ. per. 5 to 10 days. Pkt., 10c.

CACALIA (Tassel Flower).

Red tassels on wiry stems for bouquets; 18 inches; sow February to June. Pkts., 10c.

CACTUS. Per.

Drought-resisting, more or less spiny; sow in small seed-pans any time. Mixtures of following sorts: Cereus (Column Cactus); Echinocactus (Hedgehog); Echinopsis (Tube-flowering); Mammillaria (Wart Cactus); Opuntia (Fig); also All Kinds Mixed. Pkts., 25c, except Opuntia, 15c.

CALANDRINIA umbellata.

Crimson-violet, small flowers on trailing plant for sunny summer rockery or ground-cover; 6 inches high; sow March to May. Pkt., 5c.



Calceolaria hyb. grandiflora

CALCEOLARIA. Per.

Yellow, orange, and red shades, purse-shaped, in clusters, for greenhouse or beds: Tender: *Hybrida grandiflora*, large-flowered. Pkt., 50c. Hardy: *Racemosa hybrida*, medium-sized flowers; *Rugosa* Mixed, small, many-flowered. Pkts., 35c.

CALENDULA (Pot Marigold).

Orange, yellow, and cream, rather flat, double flowers, ideal for winter and spring beds; 1½ feet; sow July to March. Germ. per. 5 to 10 days. Ball's Gold, new golden yellow; Campfire, new, largest and deepest orange; Radio, quilled orange; The Ball, large orange. Pkts., 15c. Orange King; Lemon Queen; Meteor, striped; Nankeen, cream; Mixed. Pkts., 10c.

CALIFORNIA POPPY. (See Eschscholtzia.)**CALLIOPSIS.**

Yellow, yellow-and-red, and red daisy flowers for beds and cutting; sow March to July. Germ. per. 8 to 10 days. 1 foot: Radiata (Tiger Star), red; Dwarf Mixed. 3 feet: Golden Wave, yellow, red zone; Coronata maxima, yellow; Tall Mixed. Pkts., 5c.

CAMPANULA Medium (Canterbury Bells). Biennial.

Light and dark blue, pink, white, bell-shaped flowers the second year from seed (New Annual variety blooms first year; see Novelties, page 32); 3 feet; sow September to March. Germ. per. 10 to 15 days. Calycanthema (double, cup-and-saucer): Rose-pink, Light Blue, Dark Blue, White, Mixed; Single (cup only) Mixed. Pkts., 10c.

CAMPANULA. Per. Varieties.

Blue, white, bell-shaped flowers; pusilla, 6 in.; carpatica, 18 in.; persicifolia, 30 in.; pyramidalis, 3 to 5 feet; sow October to March. Pkts., 15c.

CANARY BIRD VINE (Tropaeolum Canariense).

Light yellow, bird-like, fringed flowers, on rapid vine; sow January to May. Germ. per. 10 days. Pkt., 10c.

CANDYTUFT. Per. (See Iberis).**CANDYTUFT.**

White, pink, lavender, and red flower-heads on bushy plants for borders, beds, and cutting; 1 foot; sow November to June. Germ. per. 5 to 10 days. Umbellata varieties: Lavender, Rose Cardinal, Crimson, Purple, Pink, Mixed; Giant Hyacinth-flowered, fewer but larger flower-spikes, snowy-white. Pkts., 10c.

CANNA. Per.

Vivid pinks, yellows, oranges and reds, useful for foliage and flower mass effect; flower first year from seed, which soak; 3 feet; sow January to May. Germ. per. 5 to 10 days. Crozy's Hybrids Mixed. Pkt., 15c.

CANTERBURY BELL. (See Campanula).**CARDINAL CLIMBER (Ipomoea quamoclit).**

Fiery red, tubular, star-rimmed flowers, on rapid vine; sow February to May. Germ. per. 10 to 20 days. Pkt., 10c.

CARNATION (Dianthus Caryophyllus). Per.

Pink, rose, red, white, yellow; 1½ feet; sow November to April; Marguerite Mixed, blooms in 5 months from seed; Chabaud's Giant Pink, Scarlet, Yellow, White, Mixed, bloom in 6 months from seed. Germ. per. 10 to 15 days. Sep. Colors, pkts., 15c; Mixed, pkts., 10c.

CASTOR OIL BEAN (Ricinus). Per.

Very rapid-growing foliage plant; sow January to April; Sanguineus (6 feet). green, red-veined leaves, red stalks and fruit; Zanzibariensis (12 feet), green and bronze leaves. Pkts., 10c.

CATANANCHE coerulea. Per.

Lavender-blue, cornflower-like, on long, slender stems for borders and cutting; sow March to August. Pkt., 10c.

CELOSIA (Cockscomb).

Crimson, rose, and yellow dense heads and plumes; sow February to May. Germ. per. 8 to 10 days. Cristata Dwarf (1 foot), Empress, crimson; Cristata Tall (3 feet) Crimson; Plumosa (Feathered Type, 2½ feet) Crimson; Pride of Castle Gould Mixed; Childsii (Chinese Woolflower, 2 feet) Mixed. Pkts., 10c.

CENTAUREA Imperialis (Sweet Sultan).

Pink, lavender, purple, white, and yellow fragrant flowers like large, soft thistles; 2½ feet; sow January to June; Amaranth Red; Purple, Lavender; Pink; Mixed; Suaveolens, Yellow. Pkts., 10c.

CERASTIUM Biebersteinii (Snow in Summer). Per.

White flowers and silvery foliage for sunny edgings and rockery; 8 inches; sow January to June. Pkt., 10c.

CHRYSANTHEMUM, Annual (Painted Daisies).

Yellow, white, pink, and red, large daisy cut-flowers; 2 feet; sow October to April. Germ. per. 8 to 10 days. Sultan, red with yellow zone; Gladstone, pink with red zone; Northern Star, white, yellow zone; Tricolor Mixed. Pkts., 10c.

CINERARIA hybrida.

Unusually rich colors, in the showiest early spring bedding plant for shade, and pots; sow April to August. Germ. per. 8 to 10 days. Grandiflora semi-dwarf (16 inches): Light Azure Blue; Royal Blue; Flesh Pink; Old Rose; Scarlet; French strain, Mixed; Howard & Smith's Prize strain, Mixed. Pkts., 50c. (Sep. Colors, 25c pkt.)

Polyantha stellata, many-star-flowered (2 to 3 feet), Mixed. Pkt., 25c.

CLARKIA elegans.

Pink, rose, red, purple, and white, double carnation-like flowers along spikes; 2 feet; sow November to April. Germ. per. 10 days. Firebrand, new orange-scarlet; Salmon Queen; All Colors Mixed. Pkts. 10c.

CLEOME pungens (Giant Spider Plant).

Rose-purple, curious flowers, with 6 long stamens, on spreading plant; 4 feet; sow January to April. Pkt., 10c.

CLIANTHUS Dampieri (Glory Pea). Per.

Red flowers with black spots, on grey-leaved plant; 2 feet; sow January to April. Pkt., 15c.

COBOEA scandens (Cathedral Bells Vine). Per.

Violet-blue, large, bell-shaped flowers on very rapid, deep-green-leaved vine; sow seeds, on edge, December to April. Germ. per. 15 to 20 days. Pkt., 10c.

COLEUS. Per.

Ornamental foliage plant for pots or outdoors, with large, vari-colored, velvety leaves in partial or full shade; 1 to 2 feet; sow February to May. Germ. per. 10 to 15 days. Large-leaved Mixed; Rainbow Mixed; Fringed Mixed. Pkts., 25c.

COLLINSIA bicolor (Innocence).

Blue-and-white flowers in spikes; Calif. native, for sun or shade; 15 inches; sow November to April. Pkt., 10c.

COLUMBINE (see Aquilegia).**COREOPSIS lanceolata grandiflora. Per.**

Chrome yellow, large, glossy daisy flowers on long, graceful stems; 2 to 3 feet; seeds sown November to March bloom first season. Germ. per. 5 to 10 days. Single; New Double (see Novelties, page 32). Pkt., 5c.

CORNFLOWER (Centaurea cyanus) (Bachelor's Button).

Blue, rose, plum, and white flowers for beds and bouquets; sow January to June. Germ. per. 8 to 10 days. Double Blue, Double Mixed (3 feet); Depressa, dwarf blue, red center (1 foot). Pkts., 10c.

COSMOS.

Crimson, pink, and white daisy flowers, for show and cut, with light green, feathery foliage; sow March to July. Germ. per. 8 to 10 days. Extra Early Single Mixed; Extra Early Double Crested Mixed (3 feet; bloom June-August); Late Sorts: Single Pink, White, Crimson, and Mixed; Double Crested Mixed; Klondyke, orange (5 feet; bloom September and October). Pkts., 10c, except double sorts, 15c.

CREPIS barbata (Hawkweed).

Bright rose, semi-double, star-like daisies, to cut or bed; 18 inches; sow January to May. Pkt., 10c.

CYCLAMEN persicum giganteum. Per.

Salmon, pink, rose, red, lavender, white "shooting-star" flowers with beautiful foliage, for pots or outdoors in shade; 1 foot; sow October to May, allowing 18 months to flower; Choice Mixed, 1c per seed; special German strain, 3c per seed.

CYNOGLOSSUM amabile (Chinese Forget-Me-Not).

Pure blue, large forget-me-not-like flowers in sprays, good for cutting and bedding; 2 feet; sow January to April. Pkt., 10c.

CYNOGLOSSUM linifolium (Omphaloides).

White forget-me-not-like flowers, with silvery foliage, for ground-cover or border in winter and spring; 9 inches; sow October to March. Pkt., 10c.

CYPRESS VINE (Ipomoea quamoclit).

Red and white star-shaped flowers on quick, twining vine with feathery foliage; sow February to May. Germ. per. 10 to 20 days. Mixed. Pkt., 10c.

DAHLIA. Per.

Great variety of colors and types, blooming profusely and forming tubers the first season; sow February to May. Germ. per. 10 to 20 days. Campbell's Prize Mixed, from large named Decorative and Cactus varieties. 25c pkt. Collarette Mixed; Pompon Mixed; Coltness Bedding Hybrids, 1½ feet. Pkts., 15c.

DATURA (Angel's Trumpet).

White, pink, yellow, and purple, large, showy flowers on handsome specimen plants, in bloom all summer; 3 feet; sow February to May. Germ. per. 15 to 20 days. Pkt., 10c.

**Campbell's Delphinium**

Left, XXX Hybrid Type; Right, Wrexham Type

DELPHINIUM. Per.

Splendid, stately, border and bedding plant, and cutting flower; seed sown August to November will bloom in spring, or sown December to March will bloom that summer. Germ. per. 20 days.

Cliveden Beauty, light blue (Imp. Belladonna).

Belladonna, light blue cutting variety.

Bellamosum, dark blue cutting variety.

Campbell's XXX Hybrids, with immense flowers in all shades of blue and lavender-blue.

Wrexham Hollyhock Strain Mixed, all shades.

Wrexham Art Shades, lavender-blues and mauves.

Cardinale, native scarlet larkspur.

Pkts., 15c, except Wrexhams, 25c.

DELPHINIUM Chinensis.

Dwarf annual, with flowers very similar to perennial sorts, for low beds and edging; 1 foot; sow December to April; Blue Butterfly Improved, ultramarine blue. Pkt., 10c.

DIANTHUS (Annual Pinks).

All shades of red and pink, from crimson to white; 1 foot; sow October to March. Germ. per. 5 to 10 days. Heddiwigi laciniatus, Double Mixed, with carnation-like flowers, variously mottled and fringed; Heddiwigi, Single Salmon Queen, Crimson Belle, and Mixed; Chinensis Double Mixed, with flowers in clusters, similar to Sweet William. Pkts., 10c.

DIANTHUS (Perennial Finks).

Pink, rose, red, white; 1 foot; sow October to March. Plumarius (Clove Pink), fragrant, large-eyed flowers; Cyclops Mixed; Caesius (Cheddar or Cliff Pink), delicate rose, fragrant, with tufty, 3-inch foliage; Semperflorens, blooms all spring and summer, Mixed. Pkts., 10c.

DIASCIA Barbarae.

Salmon-rose flowers, each with two spurs, for rocky or pots; 1 foot; sow March to May. Pkt., 15c.

DIDISCUS Coeruleus (Blue Lace Flower).

Soft blue, tiny tubular flowers forming lacy heads on long stems for bouquets; 2½ feet; sow March to May. Pkt., 10c.

DIGITALIS (Foxglove). Per.

Pink, purple, white; Biennial, 6 feet: Giant Shirley Hybrids, with pink, rose, lavender spotted and self colors, Mixed; Perennials, 4 feet: Isabellina, chamois yellow; Hybrida Lutzii, salmon shades; sow October to March for certain flowers following spring. Germ. per. 10 to 15 days. Pkts., 15c.

DIMORPHOTHECA (African Daisy).

Orange, yellow, salmon, and white, large, daisy flowers, unusually brilliant for bedding, in all seasons; 1 foot; sow any time. Germ. per. 20 days. Aurantiaca, orange; Salmon Beauty; Golden West, yellow; Pluvialis ringens, white, with blue center-zone; Hybrids Mixed. Pkts., 10c.

DIMORPHOTHECA Ecklonis. Per.

White, blue center, with mauve reverse, flowers 3 inches across; blooms all summer; 2 feet; sow March to June. Pkt., 15c.

DOLICHOS Soudanensis (Hyacinth Bean).

Rosy-purple pea flowers on quick vine, with showy purple pods; sow March to May. Germ. per. 10 to 15 days. Pkt., 10c.

DUSTY MILLER (Centaurea sp.). Per.

Candidissima, thick, silvery white foliage, 10 inches; Gymnocarpa, grey foliage, 20 inches; sow January to May. Pkts., 10c.

ENGLISH DAISY. (See Bellis.)**ESCHSCHOLTZIA (California Poppy).**

Native flower, now in innumerable shades and forms from hybridization, making showy beds and bouquets, and ground-covers for vacant lots; 1 foot; sow November to July. Germ. per. 5 to 10 days. Aurantiaca, orange (True Type); Chrome Queen, buff yellow; Carmine Crimson; Golden West, yellow with orange center; Lovely, salmon rose; Rose Queen; Sunlight, pure yellow; The Geisha, inside gold, outside orange-red, petals fluted; Vesuvius, fiery red; White, double; Orange, yellow, and white Mixed; Hybrida Mixed, new colors only, splendid. Pkts., 10c, except True Orange, 5c.

EUPHORBIA variegata (Snow on the Mountain).

Ornamental foliage annual, with distinct white and green leaves, for beds or specimen; sow March to May. Germ. per. 10 to 12 days. Pkt., 10c.

FORGET-ME-NOT (see Myosotis).**FOUR-O'CLOCK (Mirabilis) (Marvel of Peru). Per.**

Red, pink, white, yellow flowers opening late on bushy plants; may be grown as annual; sow November to April. Germ. per. 8 to 20 days. Dwarf Mixed, 1 foot; Tall Mixed, 2 feet. Pkts., 10c.

FOXGLOVE. (See Digitalis.)**FREESIA. Per.**

White, lavender, pink, red, orange, and yellow shades; fragrant, flowering first spring from fall-sown seeds; 1 foot; sow October to January; Refracta alba, white; Rainbow Hybrids Mixed. Pkts., 15c.

GAILLARDIA (Annual Blanket Flower).

Red, and red with yellow, large, profuse-blooming daisies; 2 feet; sow January to April. Germ. per. 10 to 15 days. Indian Chief, bronzy-red; Picta, single mixed; Lorenziana, double mixed. Pkts., 10c.



Gaillardia, Portola Hybrid

GAILLARDIA grandiflora. Per.

Red and yellow, very large daisies, blooming all summer and fall; 3 feet; sow September to April. Germ. per. 20 days. Burgundy (see Novelties, page 32); Dazzler, yellow-and-red; Portola Hybrids, semi-double orange-and-red. Pkts., 15c.

GAURA Lindheimeri.

White flowers, tinged pink, in spikes on strong, graceful plant from July to October; likes sun and drought; 3 feet; sow February to May. Pkt., 10c.

GAZANIA longiscapa. Per.

Golden yellow daisy, brown-centered, for borders and parkings; 9 inches; sow February to May. New Hybrids, reds and bronzy shades. Pkts., 15c.

GERBERA Jamesonii (Transvaal Daisy). Per.

Almost every conceivable shade except blue and purple is found in these long-stemmed, large-flowered African Daisies for beds and bouquets; 2 feet; sow September to May; Scarlet, Hybrids Mixed. Pkts., 25c.

GEUM. Per.

Scarlet and yellow, double rose-like flowers, on long stems in spring and summer, for beds and bouquets; 2 feet; sow October to March. Germ. per. 15 to 60 days. Mrs. Bradshaw, scarlet; Lady Stratheden, yellow. Pkts., 10c and 15c respectively.

GILIA.

Natives, easily and quickly grown; sow November to May; Capitata (Thimble Flower; 2 feet) with lavender-blue flowers in globular heads on long stems for cutting and drying; Coronopifolia Mixed (Standing Cypress; 3 feet) with tubular flowers in red, salmon, and yellow shades; Tricolor (Bird's Eyes; 1 foot), with lilac flowers spotted yellow and purple in center. Pkts., 10c.

GLOBE AMARANTH (Gomphrena).

Purplish-red, pink, white, and orange clover-like everlasting flowers; make showy beds; 1 foot; sow February to May. Germ. per. 10 to 15 days. Red; Orange; Mixed. Pkts., 10c.

GLOXINIA hybrida grandiflora. Per.

Rich reds, pinks, blues, and white; must be grown indoors; 1 foot; sow January to April. Pkt., 50c.

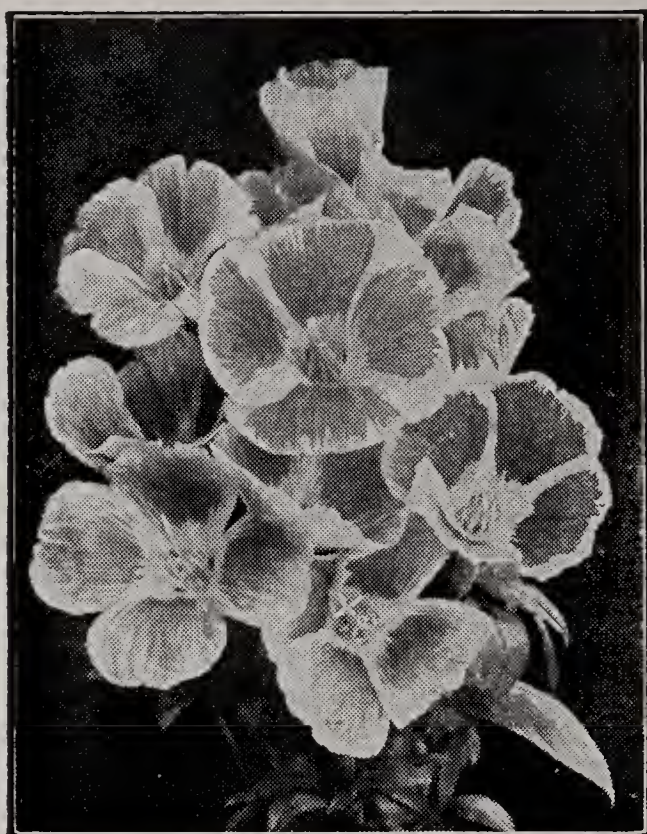
GODETIA.

Pink, rose, red, and white, large satiny flowers, for showy beds in sun or partial shade, and bouquets; sow November to June. Germ. per. 6 to 10 days. Dwarf (1 foot): Dwarf Single Mixed.

Medium (1½ feet; flowers in clusters):

Brilliant, single deep crimson.

Pendleton, double pink with crimson blotch.



Godetia Brilliant

Sweetheart, new bright cream pink.
 Double Azalea-flowered Mixed.
 Tall (2½ feet; double flowers in spikes):
 Carminea Improved, pink, deeper centered.
 Rosy Morn, bright pink.
 All Colors Mixed. Pkts., 10c.

GOURDS.

Quick vines or trailers, with unique or ornamental fruits; sow January to May. Germ. per. 12 to 15 days. Calabash (Pipe); Dishcloth (Luffa); Edible (New Guinea Butter Bean); Large Bottle; Turk's Cap, small red and white; Turk's Turban, large red top, parted white bottom; Large Sorts Mixed; Small Mixed. Pkts., 10c.

GRASSES, Ornamental.

Decorative sorts, useful with everlastings; 1 to 3 feet; sow February to May; Dwarf and Semi-Dwarf Mixed. Pkt., 10c.

GYPHOPHILA elegans (Baby's Breath).

White, pink, or red, star-shaped flowers in airy clusters for mixing in bouquets; 2 feet; sow October to May. Germ. per. 5 days. Grandiflora alba, white; Pink; Crimson. Pkts., 5c.

GYPHOPHILA paniculata. Per.

White, tinier flowers than the annual, all summer and fall on large, bushy plants; 3 feet; sow October to May. Germ. per. 15 days. Double Snow White. Pkt., 25c.

HELENIUM Autumnale (Sneezewort). Per.

Golden yellow, single daisy flowers with globular centers in Fall; 4 feet; sow November to March. Germ. per. 10 to 20 days. Pkt., 15c.

HELIANTHEMUM mutabile (Rock Rose). Per.

Rose, turning lilac, then white, single-rose-like flowers on evergreen rockery plant; 8 to 12 inches; sow February to May. Pkt., 10c.

HELIANTHUS (Sunflower).

Yellow, orange, bronze-red shades, in immense daisy flowers, showy for backgrounds; sow December to April. Germ. per. 5 to 10 days. Russian (10 feet), gigantic single, with edible seeds; Sanguineus (6 feet), orange, brown, and purple shades of red; Chrysanthemum-flowered, very double, golden yellow. Pkts., 10c, except Russian, 5c.

HELIANTHUS angustifolius (Autumn Glory). Per.

Golden yellow masses of bloom in Fall, from large daisy flowers; 5 to 7 feet; sow December to March. Pkt., 15c.

HELICHRYSUM (Strawflower).

Yellows, pinks, reds, and white, large, very double everlastings, showy in beds and backgrounds; 3 feet; sow October to May. Germ. per. 5 to 10 days. Canary Yellow; Fire Ball, scarlet; All Colors Mixed. Pkts., 10c.

HELIOTROPE. Per.

Blue and purple shades, in fragrant clusters, easily grown; 2 to 6 feet; sow February to May. Germ. per. 30 days. King of the Blacks, deep purple; Mammoth Mixed. Pkts., 15c.

HESPERIS matronalis (Sweet Rocket). Per.

Purple and white single-stock flowers, fragrant in evening; 3 feet; sow February to June. Germ. per. 15 days. Pkt., 10c.

HEUCHERA sanguinea (Coral Bells). Per.

Pink, rose, and red, tiny bell-like flowers in clusters, with low foliage good for rockeries and borders in sun or partial shade; 1½ to 2 feet; sow February to May. Coral Red; Hybrids Mixed. Pkts., 15c.

HIBISCUS (Mallow Marvels). Per.

Pink, red, white, large flowers, 6 inches across; 4 feet; sow February to June. Germ. per. 5 to 7 days. Mixed. Pkt., 10c.

HOLLYHOCK. Per.

Pink, salmon, red, and yellow shades, in stately spikes ideal for backgrounds; 5 to 8 feet; sow August to March. Germ. per. 10 to 30 days. Triumph, new dwarf double mixed (see Novelties, page 32); Chater's Double Newport Pink, Rose, Salmon, Crimson, Yellow, Mixed; Single Early Mixed. Pkts., 10c.

HUMULUS Japonicus (Japanese Hop).

Rapid climber, with dense green, variegated white, foliage, untroubled by heat, drought, or insects; sow January to May. Germ. per. 8 to 10 days. Pkt., 10c.

HUNNEMANNIA fumaraefolia (Mexican Tulip Poppy).

Bright yellow, cup-shaped flowers, 3 inches across, on long stems, keeping well when cut; 2 feet; sow November to April. Pkt., 10c.

IBERIS (Per. Candytuft).

Lilac, turning white, small flowers in clusters on spreading, sunny rockery perennial in spring; Gibraltarica; 8 inches; sow Jan. to June. Pkt., 10c.



Impatiens Holstii

IMPATIENS Holstii (Zanzibar Balsam).

Rich pinks, reds, and purples, very long-blooming, for pots and half-shady outdoor beds; 1½ feet; sow March to June. Hybrids Mixed. Pkt., 15c.

KENILWORTH IVY (Linaria Cymbalaria). Per.

Dainty trailer, standing shade, with tiny lilac, orange-lipped flowers; sow Jan. to May. Pkt., 10c.

KOCHIA Childsii (Summer Cypress).

Bright green, feathery foliage, forming compact bushes quickly, and turning fiery red in Fall; 2 to 4 feet; sow January to June. Germ. per. 10 days. Pkt., 10c.

KUDZU VINE (*Pueraria Thunbergiana*). Fer.

Very rapid, vigorous shade vine, with rosy, pea-shaped flowers; soak seed; sow November to April. Germ. per. 30 days. Pkt., 10c.

LANTANA. Per.

Red, pink, lavender, orange, and yellow flowers in verberna-like clusters; bloom the first year from seed and form shrubs; sow January to May; Dwarf Hybrids Mixed, to 2 feet; Tall Mixed, 3 to 5 feet. Pkts., 10c.

LARKSPUR (Annual *Delphinium*). Per.

Pinks, reds, blues, and white; ideal bedding and cut flower best sown in winter or early spring where to remain, allowing 3 weeks for germination; 3 to 4 feet; sow October to April; Tall Double Stock-flowered Dark Blue, Ageratum Blue, Lilac, Rosy Scarlet, Lustrous Carmine Pink, Exquisite Light Pink, La France, salmon pink; Los Angeles, salmon-rose; Mixed. Pkts., 10c.

LATHYRUS latifolius (Perennial Sweet Pea). Per.

Red, pink, and white sweet-pea flowers, in clusters, not fragrant, on vine best as trailer and ground-cover; sow November to March. Germ. per. 60 days. Pink Beauty; Mixed. Pkts., 10c.

LAVATERA splendens (Annual Mallow).

Pink, rose, white large flowers on bushy plant for show and cut; 2½ feet; sow November to March. Rosea, best rose. Pkt., 10c.

LAVENDER (*Lavandula vera*). Per.

Small lavender flowers, delightfully fragrant; 2 feet; sow December to March. Germ. per. 30 days. Pkt., 10c.

LEMON VERBENA (*Aloysia citriodora*). Per.

Fragrant-leaved, hardy shrub; 4 feet; sow February to May. Pkt., 10c.

LEPTOSIPHON.

Salmon, pink, copper, orange, yellow, etc., small flowers for rockeries, low beds, and ground-cover; sow February to June. French Hybrids Mixed, 6 inches; Densiflorus, lavender, 1 foot. Pkts., 10c.

LEPTOSYNE Maritima (Sea Dahlia). Per.

Yellow, dahlia-like flowers, fine for cutting; native perennial blooming in 90 days; 2 feet; sow November to June. Pkt., 10c.

LEPTOSYNE Stillmani.

Yellow, cosmos-like flowers for cutting, six weeks after sowing; native; 1½ feet; sow November to July. Pkt., 10c.

LIMNANTHES Douglasi (Meadow Foam).

White-and-yellow, fragrant flowers, effective in beds or edgings, in moist partial shade; native; 6 inches; sow January to April. Pkt., 10c.

LINARIA.

Lavender, purple, pink, chamois, yellow, red, etc., miniature snapdragon flowers, spurred, unusually fine for beds, ground covers, or mixed bouquets, all winter and spring; 1 foot; sow any month; Chamois Shades; Golden Gem, yellow; Mauve Shades; Purple Shades; Red, with yellow lip; Marocana Hybrids Mixed, all shades except yellow. Pkts., 10c.

LINARIA Dalmatica Macedonica. Per.

Pale yellow, with orange lip, snapdragon-like flowers, blooming first year if sown early; 3 feet; sow July to November. Pkt., 10c.

LINUM grandiflorum rubrum (Scarlet Flax).

Bright scarlet flowers, on slender graceful plant, in all seasons; particularly useful in winter; 1½ to 2½ feet; sow any month. Germ. per. 10 days. Pkt., 5c.

LINUM perenne (Blue Flax). Per.

Sky-blue flowers, profusely produced all spring and summer; blooms in 4 months; 2½ feet; sow January to May. Germ. per. 15 days. Perenne, light blue, 10c pkt.; Narbonense, deep azure blue, more compact, 15c pkt.

LOBELIA erinus compacta.

Blue bedding and edging plants; 4 inches; sow January to May. Germ. per. 5 to 20 days. Crystal Palace, dark blue, bronzy foliage; Emperor William, sky-blue, green foliage. Pkts., 10c.

LOBELIA cardinalis (Cardinal Flower). Per.

Fiery scarlet flowers in spikes, with low, bronzy-green foliage; 2 feet; sow Jan. to March. Pkt., 10c.

LUNARIA Annua (Honesty).

Silvery, transparent seed-pods, to dry for winter decoration; 2 feet; sow January to May. Pkt., 10c.

LUPINUS (Lupine).

Blue, pink, yellow, and white pea-flowers in clusters, for beds and bouquets; native; sow December to April. Germ. per. 5 to 10 days. Nanus, blue, and Subcarnosus (Texas Blue Bonnet), both 1 foot; Hartwegi Dark Blue, Sky Blue, Hybrids, Densiflorus, yellow, all 2 feet. Pkts., 10c.

LUPINUS polyphyllus. Per.

Blues, pinks, salmon, cream, etc., with stately spikes and luxuriant foliage in partial shade; 3 feet; sow December to April. Germ. per. 10 to 30 days. Harkness' Regal Mixture. Pkt., 15c.

LYCHNIS Chalcedonica. Per.

Vivid scarlet flower-cluster, above low foliage; 2 feet; sow January to May. Germ. per. 10 to 15 days. Pkt., 10c.

MARIGOLD (Tagetes).

Orange, yellow, brown, striped, spotted; splendid for summer and fall bedding and cutting; sow January to July. Germ. per. 5 to 10 days.

African (tall double fistulosa; 2½ feet):

Orange Prince, or Orange Ball.

Lemon Queen, yellow.

Mixed (above 2 varieties).

Guinea Gold (see Novelties, page 32.)

French (tall sorts, 3 feet):

Josephine, single red-brown, gold-edged.

Double Mixed, all colors.

French (dwarf sorts, 10 inches):

Golden Ball, large, double yellow, very compact.

Legion of Honor, single yellow, marked brown.

Robert Beist, new double deep maroon.

Double Mixed. Pkts., 10c.

MATRICARIA (Feverfew). Per.

White or yellow, double flowers in clusters, for beds, borders, or cut, all summer and fall; sow December to April. Germ. per. 10 to 12 days. Capensis, white, 2 feet; Eximia (1 foot): Snowball, Golden Ball. Pkts., 10c.

MATTHIOLA bicornis (Evening-scented Stock).

Mauve, small, single flowers, valued for their evening fragrance; 2 feet; sow Jan. to July. Pkt., 10c.

MESEMBRYANTHEMUM tricolor (Ice Plant). Per.

Yellow flowers, red inside, with brown anthers, for sunny rockeries and banks; 1 foot; sow February to April. Germ. per. 5 to 10 days. Pkt., 10c.

MIGNONETTE (Reseda odorata grandiflora).

Deliciously fragrant, small flowers in spikes; 1 foot; sow any month. Germ. per. 8 to 10 days. Small Sweet; Goliath Red; Machet Mixture. Pkts., 10c, except first, 5c.

MIMOSA pudica (Sensitive Plant).

Pinkish white flowers; named for its leaf-habit of closing and drooping for a time when touched; 1 foot; sow January to May. Germ. per. 10 to 15 days. Pkt., 10c.

MIMULUS.

Moschatus (Musk Plant), small yellow flowers on scented, bushy plant in shade or pots.

Tigrinus (Monkey Flower), white, yellow, orange, copper, and red, spotted, gloxinia-like flowers for partial shade; 10 inches; sow March to June. Germ. per. 5 to 10 days. Queen's Prize Mixed. Pkts., 15c.

MINA LOBATA.

Red, shading to yellow, tubular flowers in clusters on rapid, beautifully-leaved vine; sow January to May. Pkt., 10c.

MONARDA Didyma (Bergamot). Per.

Brilliant scarlet bracts; good for bees, and massing; 2½ feet; sow January to May. Pkt., 10c.

MOON VINES (Ipomoea). Per.

Blues, and white, on rapid climbers; sow February to April, notching the seeds and soaking 24 hours. Germ. per. 10 to 12 days. Leari, deep blue, open during the day; White Moonflower (*grandiflora alba*), open at night and early morning. Pkts., Leari, 20c; White, 10c.

MORNING GLORIES.

Rapid, very showy annual vines; sow February to June, soaking 24 hours. Germ. per. 5 to 10 days. Convolvulus species: Major Blue, Crimson, Pink, Lavender, and Mixed; Minor (1 foot, for rockeries) Mixed; Ipomoea species: Heavenly Blue, sky-blue, 4-inch flowers, with white throat; Giant Mexican Pink; Imperialis, Japanese Hybrids Mixed, innumerable shades and combinations. Pkts., 10c, except Heavenly Blue, 15c.

MYOSOTIS (Forget-me-not). Per.

Blue, dainty flowers, for moist, shady beds and borders; sow January to June. Germ. per. 15 days. Biennials: Alpestris, blue, 1 foot, trailing; Victoria, bright blue, yellow-centered, for edging, 8 inches; Perennials: Dissitiflora, bright blue, 6 inches; Oblongata perfecta, deep blue, winter-flowering, 1 foot; Palustris semperflorens, blooms from early spring until fall, 6 inches. Pkts., 15c.

NASTURTIUM (Tropaeolum).

Bright flowers, very easily grown, the dwarf sorts (10 inches) for beds in sun or partial shade, the tall covering low fences, or trailing as a ground-cover, and both furnishing bouquets; sow March to August. Germ. per 8 to 10 days.

Golden Gleam, new double yellow. Pkt., 20c.

Lilliput (6 inches, very compact):

Lady Cherry, wine red, dark-leaved; Ruby, rosy red; Lilliput Hybrids Mixed.

Dwarf (10 inches):

Cloth of Gold, fiery red, leaves gold; Empress of India, dark red, dark leaves; Golden King, deep Indian yellow; Vesuvius, salmon rose; Dwarf Fine Mixed.

Tall, or Trailing:

Dunnett's Orange, orange yellow; King Theodore, deepest red; Calif. Giants Mixed. Pkts., 5c, 10c, or 15c.

NEMESIA.

Orange, yellow, rose, scarlet, flowers in clusters, for showy beds and borders in winter and spring; sow October to April. Germ. per. 20 days. Strumosa grandiflora Suttoni Rose, and Mixed, 1 foot; Compacta Blue Gem, splendid forget-me-not-like bedder, 7 inches. Pkts., 15c.

NEMOPHILA insignis (Baby Blue Eyes).

Sky-blue native, for beds and bulb-cover in sun or partial shade; sow where to remain; 6 inches; sow October to May. Pkt., 5c.

NEPETA Mussini. Per.

Small blue flowers, grey foliage, ideal for rockeries and edgings; 1 foot; sow January to April. Pkt., 15c.

NICOTIANA Affinis (Sweet-scented Tobacco Plant).

White, pink, lavender, and crimson, large, open flowers with long tubes, very fragrant at night; easily-grown, quick, and continuous flowering; 2 to 4 feet; sow January to June. Germ. per. 5 to 10 days. Waxy White; Crimson King; Hybrida Mixed, all colors. Pkts., 10c.

NIEREMBERGIA gracilis.

White, veined lavender; graceful plant for hanging baskets and rockeries; 1 foot; sow January to May. Pkt., 15c.

NIGELLA Damascena (Love-In-A-Mist).

Large, semi-double, soft blue flowers, nestling in fine, feathery foliage; 1½ feet; sow February to May. Germ. per. 10 to 15 days. Miss Jekyll. Pkt., 10c.

NOLANA (Chilian Bell Flower).

Blue and lavender bell-shaped flowers, useful as sunny ground-cover; 6 inches; sow February to May. Pkt., 10c.

OENOTHERA Lamarckiana (Evening Primrose).

Yellow, large flowers, expanding and fragrant in the evening; easily-grown background plant in sun or partial shade; 4 feet; sow December to March. Pkt., 10c.

PAINTED DAISY (see Chrysanthemum).**PANSY.**

Reds, purples, blues, yellow, and white; unsurpassed for low beds in winter and spring; 8 inches; sow July to September for winter, and until December for spring. Germ. per. 8 to 10 days.

Roggli's Swiss Giants (original seed), the very largest flowers and longest stems; Alpenglow, rich deep red; Lake of Thun, pure deep blue; Rheingold, immense dark-centered yellow; All Colors Mixed. Pkts., 25c.

Armacost & Royston Giants, very large, with splendid range of colors; Mixed. Pkt., 25c.

Steele's Mastodon "400", American-grown Swiss Giant Mixture. Pkt., 25c.

Steele's Mastodon Miracle, very large, with splendid range of colors; Mixed. Pkt., 20c.

Steele's Mastodon Special Strain, large flowers and fine colors; Bronze Shades; Mad. Steele, deepest purple; Panama Pacific, dark-centered yellow; White, dark-centered; All Colors Mixed. Pkts., 15c.

Campbell's Argyle Giants, splendid bedding mixture, with fine colors and good-sized flowers. Oz., \$4.50. Pkt., 10c.

Bedding sorts: Adonis, light blue; Beaconsfield, upper lavender, lower purple; Emperor William, deep blue; Golden Queen, pure yellow; Mad. Perret, pink shades; Prince Henry, darkest blue; St. Knud, apricot-orange. Oz., \$3.75. Pkts., 10c.

PASITHEA coerulea. Per.

Deep, luminous blue star-like flowers in loose clusters on wiry stalks well above grass-like foliage; rare, fine for cutting; sow March to August. Pkt., 25c.

PENTSTEMON. Per.

Pink, scarlet, crimson, purple, and white, gloxinia-like flowers in spikes, unusually showy in beds and borders; 2½ feet; sow September to April, for blooms same season. Germ. per. 8 to 15 days. Glaber, blue; "Sensation" Pink Shades, Violet and Purple shades, Red shades, All Colors Mixed. Pkts., 15c.

PETUNIA hybrida.

Pink, rose, red, lavender, blue, purple, and white; unusually floriferous bedding plants, continuing in bloom from spring to winter; sow January to July. Germ. per. 8 to 10 days.

Dwarf Sorts (nana erecta, 15 inches):

Blue Bird, dark blue-purple.

Heavenly Blue, light silvery blue.

Rose of Heaven, pure rose-pink.

Rosy Morn, pink, with white throat.

Snowball, pure white.

Mixed dwarf bedding sorts.

Large-flowering sorts (2 to 2½ feet): General Dodds, blood-red; Lord Courtenay, rose, yellow throat; Violacea, Elk's purple; De Luxe Bedding Mixed; Balcony Mixed. Pkts., 10c.

Giant-flowering sorts: Ruffled Giants Copper Red, Dark Blue, Pink Glory, Pink Triumph, Romany Lass, deep crimson, California Giants Mixed. Pkts., 35c. Diener's Ruffled Monsters Mixed; Extra Select Double Mixed. Pkts., 50c.

PHACELIA.

Blue shades; native; sow November to April; Campanularia (Calif. Blue Bell; 6 inches), gentian-blue bell-flowers for edgings, quick and lasting; Whitlavia (Wild Canterbury Bell; 1 foot), blue bells in sun, or partly-shaded beds; Tanacetifolia (Wild Heliotrope; 2 feet), mauve-blue cluster, good for bees. Pkts., 10c.

PHLOX Drummondii grandiflora.

Pinks, reds, lavenders, purple, yellow, and white; bright, easily-grown, spring, summer and fall bedder; 1 foot; sow January to July. Germ. per. 8 to 10 days. Chamois Rose; Fiery Scarlet; Flesh; Isabella, creamy yellow; Pure Blue; Purple; Red, white eye; Rose, dark eye; Rose, pink eye; All colors Mixed; Starred and Fringed Mixed. Pkts., 10c.

PHLOX decussata grandiflora. Per.

Pinks, reds, lavenders, purple, and white; showy late summer border plant; seeds slow to germinate, taking 6 weeks to 6 months; 3 feet; sow October to March; Mixed. Pkt., 15c.

PHYSALIS Franchetii (Chinese Lanterns). Bien.

Orange-scarlet pods the second year, beautiful dried for winter decoration; 1½ feet; sow January to June. Pkt., 10c.

PHYSOSTEGIA Virginica (Obedient Plant). Per.

Lavender-pink, tube-shaped flowers like tiny snapdragons on bushy border plant in July and August; 4 feet; sow September to May. Pkt., 10c.

PLATYCODON grandiflora (Bell Flower). Per.

Blue, balloon-like buds, opening into large, bell-shaped flowers for partly-shaded borders; 1½ feet; sow August to March. Germ. per. 12 to 15 days. Pkt., 15c.

POLEMONIUM coeruleum (Jacob's Ladder). Per.

Sky-blue, bell-shaped flowers, with golden anthers and fern-like foliage; 2 feet; sow October to March. Pkt., 10c.

POPPY.

Pink, rose, orange, and red shades; quick, showy, large-flowered bedders, which may be cut, if the stems are singed; sow November to May; Shirley (crinkled petals, hairy foliage, 1½ feet): American Legion, large orange-scarlet; Rose Pink; Salmon Art Shades; Single Mixed; Double Mixed; Tall Sorts (smooth foliage, 3 feet): Single Mixed; Double Carnation-flowered Mixed. Pkts., 10c.



Iceland Poppy, "California"

POPPY, Per.

Sow August to March: Glaucium (3 feet), deep, glossy orange, smooth foliage; Nudicaule (Iceland Poppy; 1½ feet), with crinkly-petalled flowers on long stems above low leaf-clumps, fine for edgings and cut, blooming first year: "California," vivid orange; Sunbeam Hybrids, pink, orange, yellow, and white. (Pkts., 20c.) Oriental Hybrids (2½ feet), strong foliage, stems, and huge flowers, in salmon, rose, lavender, orange, and red shades. Pkts., 10c.

PORTULACA grandiflora (Moss Rose).

Pink, rose, lavender, yellow, orange, and red shades; showy ground-cover and bedder, standing hot, dry situations; 6 inches; sow February to May. Germ. per. 8 to 10 days. Single Rose, Red, Yellow, All Colors Mixed; Double Mixed. Pkts., 10c.

PRIMULA (Frimrose). Per.

Showy flowers for pots and beds in shade; (6 inches; sow November to May; Polyanthus (Elatior), yellow, orange, brown, red, purple flowers in large clusters; Polyanthus, Giant Munstead Strain, mostly yellow shades; Vulgaris (Acaulis; Common Primrose), yellow, orange center, fragrant. Germ. per. 60 days. Pkts., 25c, except Vulgaris, 15c.

Chinese type: Salmon, rose, lavender, crimson, white; for pots; 10 inches; sow February to August. Germ. per. 15 days. Chinensis Stellata (Star) Mixed; Beesiana, velvety blue-purple, yellow-eyed. Chinensis fimbriata Mixed. Pkts., 50c.



Primula malacoides, True Rose

Malacoides (Baby Primrose; feathery clusters of small flowers for winter and spring beds and edgings; 1 foot; sow May to October): Light Lilac; New True Rose (see Novelties, page 32); White; Mauve, yellow eye (Forbesi); Mixed. Pkts., 15c.

Obconica (large flowers, from December to July; 10 inches; sow November to April): Berlin Red; Coerulea, blue; Hamburg Rose; Red Chief, crimson; Salmon Queen; Grandiflora Mixed. Pkts., 50c.

PYRETHRUM roseum hybridum. Per.

Pink, rose, and red, large daisy flowers, above feathery foliage, for beds and bouquets; 1 to 2 feet. Sow September to May. Atro-sanguineum, red shades; Grandiflorum Mixed, pink and rose shades; Double and Semi-Double Mixed. Pkts., 25c, except Grandiflorum Mixed, 15c.

RANUNCULUS. Per.

Pink, red, salmon, orange, and yellow shades in wonderful variety; 1 foot; sow August to November for flowers first spring. Giant French Mixed. Pkt., 15c.

REHMANNIA angulata. Per.

Rose and purple, large, spotted-throated flowers, with beautiful foliage, in sun or partial shade; 2 feet; sow October to April. Pkt., 15c.

RHODANTHE maculata (Immortelle).

Rose and white, pendulous, everlasting flowers; 1 foot; sow December to May. Rose; Mixed. Pkt., 10c.

ROCKERY PERENNIALS Mixed. Per.

A splendid special mixture of 25 hardy, low-growing perennials, unusually interesting to grow, and ideal for rock-gardens; 6 to 12 inches; sow October to May. Pkt., 10c.

ROMNEYA Coulteri (Matilija Tree Poppy). Per.

White flowers, 6 inches across, with many yellow stamens; shrubby, handsome plant, with silvery leaves; 5 feet; sow August to March, allowing 3 to 9 months for germination. Pkt., 15c.

RUDBECKIA speciosa (Cone Flower). Per.

Golden yellow, single daisy, with black cone-shaped center; for borders or cut, in sun or partial shade; 3 feet; sow August to May. Germ. per. 8 to 10 days. Pkt., 15c.

SAINTPAULIA Ionanthe (African Violet).

Deep blue, golden anthers; free and long-flowering pot plant; 6 inches; sow inside November to March. Pkt., 25c.

SALPIGLOSSIS gloxiniaflora (Painted Glories).

Large, rich, velvety flowers, mostly veined with gold, for a striking bed or bouquet; 2½ feet; sow February to June. Germ. per. 5 to 10 days. Emperor: Blue and Gold, Brown and Gold, Chamois. Faust, black-red, Primrose, Purple and Gold, Velvety Violet, White and Gold, All Colors Mixed. Pkts., 10c.

SALVIA (Sage). Per.

Scarlet or blue flowers in spikes, for showy summer beds; bloom first year; sow February to May. Germ. Per. 5 to 10 days. Splendens scarlet sorts: Bonfire (2 feet), America (15 inches); Patens, pure indigo blue (1½ feet); Farinacea, light blue, small, wooly flowers (3 feet). Pkts., 15c; except Bonfire, 10c.

SANVITALIA procumbens.

Orange-yellow, zinnia-like flowers on trailing plant for hot, dry situations; 6 inches; sow January to May. Pkt., 10c.

SAPONARIA vaccaria.

Rose and white flowers in graceful sprays, like "glorified" Gypsophila; 2 feet; sow February to April. Germ. per. 10 days. Pkt., 10c.

SCABIOSA (Pincushion Flower).

Blue, pink, white, yellow, scarlet, and crimson, large double flowers on long stems, for beds and bouquets; 2½ feet; sow December to May. Germ. per. 10 to 15 days. Ageratum Blue, Crimson, Loveliness, new salmon, Shasta, large white, All Colors Mixed. Pkts., 10c, except Loveliness, 15c.



Scabiosa caucasica

SCABIOSA (Scabious). Per.

Large, splendid cut-flowers; sow September to March; Caucasica (2 feet); Lavender Blue; Isaac House Hybrids, shades of blue, lavender, and white. Columbaria (18 inches): Mauve-lavender, Mauve-pink. Pkts., 15c, except Isaac House Hybrids, 25c.

SCARLET RUNNER BEAN

Bright red pea-flowers on rapid vine with large, edible pods; sow February to May. Pkt., 10c.

SCHIZANTHUS (Poor Man's Orchid).

Chamois, rose, lavender, and purple shades, in great variety; small, daintily-cut flowers, and fern-like foliage, for pots, or partly-shaded beds; 1½ feet; sow January to May. Germ. per. 5 to 10 days. Wisetonensis Mixed, light shades; Wisetonensis Brilliant Mixture, larger-flowered, for pots; Grandiflorous Hybrids, all colors; Grandiflorus Hybrids, Special Pot Strain. Pkts., 10c; pot strains, 15c.

SEDUM (Stonecrop). Per.

Succulent plants for pots, rockeries, and edgings; very easily grown; sow any month; Many Species Mixed. Pkt., 15c.

SENECIO elegans (Jacobea).

Yellow and purple, double daisies; 1 foot; sow January to May. Mixed. Pkt., 10c.

SHASTA DAISY (chrysanthemum leucanthemum) Per.

Large white border and cutting flower; 3 feet; sow March to September. Germ. per. 20 days. Westralia, new, improved Alaska, blooming earlier. Pkt., 10c.

SIDALCEA. Per.

Rose, mauve, and purple, hollyhock-like flowers on slender spikes for sunny borders and cutting; 3 to 4 feet; sow September to May. Hybrids Mixed. Pkt., 15c.

SMILAX. Per.

Shade-loving vine, useful for decorating; sow January to May. Pkt., 15c.

SNAIL-VINE (Phaseolus caracalla). Per.

Lavender, waxy, fragrant, curiously-twisted Pea-flowers in clusters; sow January to April. Pkt., 15c.

SNAPDRAGON (see Antirrhinum).**SOLANUM Capsicastrum (Jerusalem Cherry).**

Bright red, large, round berries, on winter pot plant; 1 foot; sow February to August; Clevelandi. Pkt., 15c.

STATICE.

Pink, blue, and yellow, small everlasting flowers in clusters; 3 feet; sow January to May; Bonduelli, yellow; Sinuata Rose, Blue, Mixed; Suworowii (Russian Rat Tail; 1 foot), rose. Pkts., 10c.

STATICE (Sea-Lavender). Per.

Straw-like flowers; basal leaves; 2½ feet; sow October to April; Caspia, sprays of tiny lilac flowers, to mix in bouquets; Perezii, rich deep blue flower-clusters, effective in borders. Pkts., 15c.

STEVIA serrata. Per.

White, fragrant, small flowers in large heads for beds and bouquets; may be grown as annual; 2 feet; sow January to May. Pkt., 10c.

STOCK.

Splendid late winter and spring bedding and cutting plant; sow July to March. Germ. per. 3 to 10 days. The smaller seedlings are more apt to be double.

Giant Bismarck or Imperial (2½ feet):

Antique Copper, bronzy-red. Pkt., 25c.

Chamois Rose, creamy rose.

Cream Pink, ivory tinted old rose.

Dark Blue, purple.

Elk's Pride, royal purple. Pkt., 25c.

Fiery Blood Red, rich crimson.

Flesh Pink.

Golden Rose, yellow-centered. Pkt., 25c.

Lavender.

Lilac, deep lavender.

Old Rose, new shade. Pkt., 25c.

Rose, deep rose pink.

White.

All above colors Mixed. Pkts., 15c.

Mammoth Beauty of Nice (2 feet):

Abundance, carmine rose.

Belle of Naples, old rose.

Beauty of Nice, flesh pink.

Cote d'Azure, lilac.

Rose Pink, new, truest deep pink. Pkt., 25c.

All Colors Mixed. Pkts., 10c.

Perpetual Branching or Perfection (2 feet):

Empress Augusta Victoria, silvery lilac.

Heatham Beauty, golden rose. Pkts., 10c.

Brompton (Emperor or Winter):

Egyptian, large rose pink.

Empress Elizabeth, bright deep pink.

Violetta, deep violet-purple.

White Lady, pure white. Pkts., 25c.

STOKESIA cyanea (Cornflower Aster). **Fer.**

Rich mid-blue, large, cornflower-like aster flowers, on stiff stems, for border and bouquets; 1½ feet; sow December to April. Germ. per. 10 to 15 days. Pkt., 10c.

STRELITZIA reginae (Bird of Paradise). **Per.**

Orange-and-blue, large, striking, bird-like flowers: blooms in 3 years from seed, and then almost constantly; 3 to 4 feet; sow November to April. Seeds, 15c each.

SWEET PEAS (*Lathyrus odoratus*).

Early Flowering Spencer is the best strain for California, blooming from December to June, if planted in August or September; flowers are very large, wavy, 3 or 4 on long stems; sow August to February. Ask for special Sweet Pea Circular, printed each July, listing new varieties and giving cultural suggestions. Inoculation pays. See page 27.

Newest varieties (Pkts. 25c):

American Beauty, rich rose crimson, with the longest stems and largest flowers of any sweet pea; Annie Laurie, deep rose pink; Fascination, large light salmon pink; Greeting, clearest, longest-stemmed lavender; Pride, deep, pure cerise, long-stemmed.

Best "tried" varieties (Pkts. 15c):

Amethyst, royal purple; Apollo, soft salmon; Blue Bonnet, clear blue; Duplex Pioneer, double creamy rose; Giant Rose; Harmony, lavender; Marine, deep pure blue; Oriental, deepest cream (yellows are dyed with powder in water after picking); Pal, rosy crimson; Queen Crimson, ox-blood; Sunray, apricot pink; Superior Pink; Valencia, sunproof orange; Vulcan, scarlet; White Harmony.

Campbell's Special Mixture of Early Spencers

Contains all the above tested varieties, and many other good shades. 1 oz. 50c; ½ oz. 30c; ¼ oz. 20c.

Late Spencer Mixed (bloom by May); Cupid Late Mixed, for bedding (1 foot). Pkts. 15c; Oz. 35c.

SWEET SULTAN (see *Centaurea imperialis*).

SWEET WILLIAM (*Dianthus barbatus*). **Bien.**

Pink, red, and white flowers, like small pinks, in large clusters for beds and bouquets; 1½ to 2 feet; sow October to March. Germ. per. 8 to 10 days. Pink Beauty; Scarlet Beauty; Johnson's Giant Eyed Mixed; Single Mixed; Double Mixed. Pkts., 15c.

SWEET WIVELSFIELD.

New annual pinks, with large, fragrant, sweet-william-like flower-clusters for bedding and bouquets; 1½ feet; sow October to March. Pkt., 15c.

TAGETES signata pumila.

Bright yellow, single Marigold flowers on compact little bushes for edgings; 9 inches; sow January to July. Pkt., 10c.

THALICTRUM dipterocarpum (Meadow Rue). **Per.**

Rosy-purple, yellow-anthered flowers in plumes, with maiden-hair-fern foliage, in August and September; 4 feet; sow October to May. Pkt., 15c.

THUNBERGIA alata (Black-eyed Susan).

Orange, yellow, white, large flowers, with black centers on vigorous trailer; sow February to June. Germ. per. 10 to 15 days. Mixed. Pkt., 10c.

TITHONIA speciosa (Mexican Sunflower).

Orange-scarlet, glistening flowers, like large single Zinnias, on rapid-growing, shrub-like annual for backgrounds, and cutting; 6 to 8 feet; sow March to June. Pkt., 15c.

TORENIA Fournieri.

Rich blue, snapdragon-like flowers, with golden lips, for pots or beds; 9 inches; sow April to July. Pkt., 15c.

TRACHELIUM coeruleum (Blue Baby's Breath).

Tiny flowers in large, cloud-like heads; good for pots; 1½ feet; sow February to May. Pkt., 15c.

TRITOMA (Red Hot Poker; Kniphofia). Per.

Red, orange, and yellow flowers, in large, spear-shaped heads; foliage grass-like; 3 feet; sow March to June. Hybrid Mirabilis, blooms first year; Hybrids Mixed. Pkts., 15c.

VALERIANA (Garden Heliotrope; Centranthus). Per.

Rose, red, white, fragrant small flowers in heads, very freely produced; 2½ feet; sow December to April. Rose, White. Pkts. 10c.

VENIDIUM fastuosum.

Glossy orange daisies with purple-black zone, 4 to 5 inches across, striking in the garden or cut; 2 to 3 feet. V. calendulaceum, large yellow daisies, 1½ feet high; sow March to May. Pkts. 15c.

VERBASCUM Phoeniceum (Mullein). Per.

Rose, red, purple, white flowers, in erect spikes in summer; 2 feet; sow Jan. to May. Mixed. Pkt., 15c.

VERBENA hybrida. Per.

Pink, rose, red, lavender, blue, purple, white flowers in clusters, brilliant for bedding, and trailing ground-cover; 1 foot; sow December to August. Germ. per. 10 to 15 days.

Gigantea (each floret in cluster usually as large as a quarter):

Alba, white; Blue, with white eye; Lucifer, scarlet; Rose Cardinal, vivid carmine rose; Rosea, rose pink; Mixed. Pkts., 15c. Lavender Glory, new lavender. Pkt., 25c.



Virginian Stock is a Specialty

Ordinary (very free-flowering):

Dark Blue; Defiance, deep scarlet; Pink and Rose Shades; All Colors Mixed. Pkts., 10c.

Trailing varieties:

Erinoides, small, lavender-blue heads, fern-like foliage. Venosa, thrifty grower, purple heads. Pkts., 10c.

VINCA rosea (Periwinkle). Per.

Pink and white, phlox-like, large flowers; foliage dark, glossy green; 1 foot; sown February to April, will bloom same year. Germ. per. 10 to 12 days. Mixed. Pkt., 10c.

VIOLA cornuta (Tufted Pansy).

Flowers, although smaller than pansies, are produced even more freely, and make these ideal bedding and border plants for winter and spring; 6 inches; sow July to March. Germ. per. 8 to 10 days. Admiration, large blue; Apricot; Ardwell Gem, large new yellow; Blue Perfection, light blue; Firmament, sky blue; Jersey Gem, deep blue; Lutea splendens, yellow; Mauve Queen; Papilio, lavender-blue, upper petals flushed white; Spring Messenger, purple; Violet Papilio, pure violet; White Perfection. Pkts., 10c, except Jersey Gem, 25c.

VIOLET (Viola odorata). Per.

Deep blue, fragrant flowers on long stems by the second year; 6 inches; sow July to March. Pkt., 15c.

VIRGINIAN STOCK (Malcolmia).

Rose, red, yellow, white, small, single flowers, cover this low splendid winter and spring edging, bulb-bed and ground-cover plant; 6 inches; sow October to May; Rose (turns lavender); Crimson Gem; Yellow; White; Special All-Colors Mixture. Oz., 50c; pkt., 10c. See illustration, previous page.

VISCARIA oculata.

Blue, pink, and white. Large, flax-like flowers, very effective in beds and bouquets; 1 foot; sow October to April; Delphinium Blue; Mixed. Pkt., 10c.

WALLFLOWER.

Rich reds, browns, yellows; fragrant, stock-like flowers, for bedding and cutting; 1 to 2 feet; sow September to March. Germ. per. 5 to 10 days. Single Annual Blood Red, Paris Brown, Yellow, Mixed. Pkts., 10c. Double Mixed (Early Wonder). Pkt., 25c.

WILD FLOWER MIXTURES.

Contain a great variety of California native flowers, will grow almost anywhere, cover vacant lots and bare corners, and furnish cut-flowers. Best-sown in Fall and Early Winter, although they may be planted until May. Campbell's Mixture for Sun; Campbell's Mixture for Shade. Pound, \$5.00; oz., 50c; pkt., 10c.

XERANTHEMUM.

Pink, lilac, white, silky everlasting flowers, stiff-stemmed; 2 feet; sow February to May. Germ. per. 7 to 10 days. Double Mixed. Pkt., 10c.

ZINNIA.

Our summer specialty. Pinks, reds, yellows, and purples, in vivid shades, unexcelled for summer bedding and cut-flowers. We carry the originator's strain. Bodger's Gold Medal Dahlia-flowered and California Giant Zinnias, which cannot be exceeded for size; lack of water or sunshine stunts the flowers, so give them plenty of both. Sow March to July. Germ. per. 5 to 10 days.

Dahlia-flowered (huge, loose-petalled, cup-centered flowers; 3 feet):

Canary Bird, light yellow; Golden Dawn, pure, rich yellow; Golden State, light orange; Oriole, deep bronzy orange; Exquisite Pink, light rose with deeper center; Luminosa, bright salmon pink; Illumination, deep rose; Scarlet Flame; Crimson Monarch; Dream, lavender; Purple Prince; Polar Bear, white; Gold Medal Mixed. Pkts., 15c and 25c.

California Giants (Giant Mammoth; huge, close-petalled, flat-topped blooms; 3 feet):

Golden Queen, yellow; Orange King, deep orange; Miss Wilmott, soft pink; Salmon Queen, salmon shades; Enchantress, deep rose pink; Scarlet Gem; Grenadier, deep red; All Colors Mixed. Pkts., 15c.

"Cut and Come" (medium-sized flowers, freely produced, fine for cutting; 2 feet):
Salmon Rose; All Colors Mixed. Pkts., 10c.



Pompon Zinnia

Pompon (Lilliput; small, very double flowers, fine for edgings and bouquets; 1 to 1½ feet):
Canary Yellow, Golden Gem; Salmon Rose; Crimson Gem; Red Riding Hood, scarlet; White; Mixed. Pkts., 10c.

Crown o' Gold, a new and pleasing Zinnia, with golden yellow overlaid on the base of the petals, in a full range of Dahlia-flwd. colors. Mixed. Pkt., 15c.

Scabiosa-flowered, new, with tufty, pincushion-centered single flowers. Mixed. Pkt., 15c.

Legumes, as Sweet Peas, Garden Peas, and Beans, form a partnership at the roots with helpful bacteria, called Legume Germs, able to draw nitrogen from the air and give it to the plant, forming in nodules on the roots.

Without these germs, legumes soon rob the soil of nourishment, and should be "inoculated," directly to the seeds when planting. Nitragin is the leading inoculator, the garden size, containing more than 1 billion Legume Germs, being sufficient for any quantity of seed up to 8 pounds. Price, postpaid, 25c.



Your Garden's Headquarters

Let it be the Campbell Seed Stores, for a complete assortment of garden tools, from trowels to mowers; of insecticides, from Volck to Vaporite; of fertilizers, from manures to formula commercials; of lawn, cover-crop, and bird seeds are always carried, and delivered free in Pasadena, South Pasadena, San Marino, Altadena, and Flint-ridge-La Canada.

Vegetables

Our vegetable seeds are the best varieties for Southern California, grown from pure-bred stocks by specialist growers who constantly better their strains through selection.

As with flower seeds, we carry all vegetables in bulk, and put up our own packets.

ARTICHOKE, Green Globe.—Sow September to April, 1 inch deep; save seedlings with least spiny leaves; set 4 feet apart. Oz., 90c; pkt., 10c. **Plants:** December to March, 25c each.

ASPARAGUS—Sow March to May; transplant following February; Palmetto. Oz., 20c; pkt., 10c. **Roots:** December to April; Mary Washington, 50c doz., Palmetto, 35c doz.

BEANS—Sow March to July.

Bush: Bountiful, early, prolific, stringless; Canadian Wonder, flat pod, good flavor; Dwarf Horticultural, fine flavor, stringless; Golden Wax, vigorous stringless, fine quality; Prolific Black Wax, for hot weather, round-pod; Stringless Green Pod, early, productive; Broad Windsor (Horse), very hardy.

Pole: Kentucky Wonder, stringless; K. W., White-seeded, 10 days earlier; K. W. Wax, extremely prolific, fine; Horticultural Pole (Cranberry), very productive green-shell bean; Yard-Long Bean, curious, rust-proof, and tasty. Lb., 40c; pkts., 10c.

BEANS, Lima—Sow April to July.

Bush: Burpee's Improved, large, flat; Fordhook, smaller, rounder; Monstrous, forms perennial, grape-like bush, prolific.

Pole: King of the Garden, prolific. Lb., 45c; pkt., 15c; except Monstrous, lb., 60c.

BEETS, Table—Sow January to September; Crosby's Egyptian, early, deep red, tops best for greens; Detroit Dark Red, best quality home beet; Early Blood Turnip. Oz., 15c; pkts., 5c.

Beets, Stock—Sow January to May; Sugar Beet (Klein Wanzleben), sweetest; Mammoth Long Red Mangel, largest. Lb., 60c.

BROCCOLI, Sprouting—Sow August to February; cook like asparagus, before buds open. Pkt., 15c.

BRUSSELS SPROUTS—Sow August to January. Oz., 30c; pkt., 10c.

CABBAGE—Sow July to March; Copenhagen Market, very early, round, solid, sweet; Early and Late Flat Dutch, sure to head; Mammoth Rock Red; Savoy, finely-crumpled yellowish leaves; Early Winnigstadt, pointed. Pkts., 10c. **Plants:** September to April; Copenhagen Market, Early Winnigstadt, 15c doz., 90c 100.

CARROT—Sow January to October; Chantenay, ½-long, fine-flavored; Danver's Half-long, good flavor, productive; French Forcing, small, early; Long Orange, 1 foot, for table or stock; Oxheart, thick, sweet, early; Nantes, sweetest of all. Oz., 20c; pkts., 5c.

CAULIFLOWER—Sow August to December; give plenty of water, and tie up leaves loosely to keep head white; Snowball, extra early; Pearl; Veitch's Autumn Giant. Pkts., 15c. **Plants:** September to March; Snowball, 25c doz.

CELERY—Sow February to July; easily-grown in moist, rich soil; Giant Pascal, large, stringless, finest-flavored; Golden Self Blanching, earliest, fine flavored; Celeriac, celery-flavored root. Pkts., 10c.

CHAYOTE (Mexican Squash Vine)—A single seed within each fruit; set December to May, covering the large end. Each, 15c.

CHICORY, Witloof (French Endive)—Sow May to June; popular for winter salads. Oz., 40c; pkt., 10c.

CHIVES—Sow August to April; leaves, for flavoring, milder than onion. Pkt., 10c. **Plants:** Set anytime, 5c clump.

COLLARDS, Georgia—Sow August to March; very hardy, kale-like "greens" plant. Oz., 20c; pkt., 5c.

CRESS, Curled (Pepper Grass)—Sow any time; frilled, pungent leaves for salads. Oz., 15c; pkt., 5c.

CORN—Sow March to August; best planted in several rows, for pollenization; Black Mexican, rich, sweet, white when eaten; Country Gentleman, long, narrow cob, extra sweet; Golden Bantam, short, thick cob, extra sweet; Golden Sunshine, an improved, larger, earlier, Golden Bantam; Oregon Evergreen, fine sweet market sort; Stowell's Evergreen, like Oregon Evergreen, but later. Field Corns: Golden Dent, and Hickory King. Pop Corn: White Rice. Lb., 35c; pkts., 10c.

CUCUMBER—Sow March to July; ready in 10 to 12 weeks; Chicago Pickling, fine; Davis Perfect; Japanese Climbing fine quality and space saver; Lemon, very good; Long Green, black-spined; White Spine; Small Gherkin, for pickling. Oz., 20c, except Gherkin and Lemon, 25c; pkts., 5c.

DANDELION, Improved Thick-Leaved—Sow January to April; cabbaging sort, much superior to uncultivated. Pkt., 10c.

EGG PLANT, New York Improved—Sow in hot bed January to April. Pkt., 10c. **Plants:** April to June, 50c doz.

ENDIVE—Sow August to March; treat, and use, like lettuce; Broadleaved Batavian (Escarolle); Green Curled. Oz., 20c; pkts., 5c.

FENNEL, Sweet Florence—Sow August to February; treat like celery; root, stalks, and leaves are edible. Oz., 20c; pkt., 5c.

HERBS—Sow January to May; Anise, for fragrant, tasty seeds; Balm, for tea from lemon-scented leaves; Basil, for flavoring from seeds and leaves; Borage, for leaves in drinks and salads; Caraway, for seeds on cakes, etc.; Catnip, for leaves; Chervil, for flavoring soups, etc.; Dill, for seeds used as condiment and for pickling; Lavender for fragrant flowers; Marjoram, for leaves as seasoning; Rosemary, for leaves for flavoring; Sage for leaves to season dressing; Summer Savory, for seasoning soups and dressing; Thyme, for seasoning. Pkts., 10c. **Plants:** Mint, Lavender, Sage, Thyme, etc., 25c each.

KALE (Borecole)—Sow August to April; Dwarf Green Curled for greens and garnishing; Jersey (Thousand-headed), smooth leaves, prolific, for poultry; Tall Scotch Curled, for greens. Oz., 20c; pkts., 5c.

KOHL RABI, Early White Vienna—Sow August to February; cabbage-flavored but used like turnip. Oz., 30c. Pkt., 5c.

LEEK, American Flag—Sow August to December; used like green onions, but far larger and milder. Oz., 35c; pkt., 10c.

LETTUCE—Sow September to April.

Heading varieties: Big Boston; Early White Cos (Romaine; Celery Lettuce); Iceberg, thin-leaved home-garden sort; Los Angeles Market (New York), good header and shipper.

Leaf Varieties: Early Curled Simpson, best planted and left thick in row; Prizehead, very sweet early. Oz., 20c; pkts., 5c.

MELONS—Sow March to June; gather soil around roots to keep them wet as possible.

Muskmelons: Burrell's Gem, oval, netted, salmon to rind; Hale's Best, round, orange, fine flavor; Hearts of Gold, thick, orange flesh, finest-flavored; Honey Ball, very sweet, green flesh; Persian, fine if thoroughly ripened on vines; Rocky Ford, green fleshed, oval; Tip Top, ribbed, thick, sweet, yellow flesh; Winter Pineapple Casaba.

Watermelons: Angeleno, round, dark green, delicious; Chilian, very sweet; Kleckley's Sweets, sweetest of all; Klondike, oblong, dark green, very sweet. Pkts., 10c.

MUSHROOMS—May be grown any time in cellar or hotbed, but need uniform moisture and temperature. Pure Culture Spawn, per brick (for 10 square feet of bed), 40c.

MUSTARD—Sow any time; turnip-like leaves for greens; Chinese, Brussels-Sprouts flavor; Giant Southern Curled, vigorous. Oz., 20c; pkt., 5c.

OKRA (Gumbo)—Sow April to July; pods used in soups, stews, and relishes; Dwarf Long Green Pod; White Velvet. Oz., 20c; pkt., 10c.

- ONION**—Sow August to April; Bunching; Prizetaker, yellow-brown, mild, fine; Silverskin (White Portugal), for green onions, and best flat white cooking onion; Riverside Sweet Spanish, very large, yellowish, mild, delicious; Yellow Globe Danvers, early, round, mild. Pkts., 10c. **Sets:** September to May, White, 20c lb.; Yellow, 15c lb. **Plants:** December to February, Crystal Wax, 25c 100.
- PARSLEY**—Sow any time; Extra Triple Curled (Moss Curled), for garnishing; Hamburg, thick parsnip-like roots for flavoring; Plain, leaves for flavoring. Oz., 20c; pkts., 5c. **Plants:** September to May; Triple Curled; 35c doz.
- PARSNIP, Hollow Crown**—Sow August to March; need plenty of water for germination, and after; improved by freezing in ground. Oz., 20c; pkt., 5c.
- PEAS**—Sow September to February; Dwarf: Laxton's Progress (Improved Laxtonian), early; Little Marvel, sweetest of all; Dwarf Telephone, late; Tall: Telephone, medium early; Stratagem, late; Melting Sugar (Edible Pod), cook like string beans. Lb., 35c; pkts., 10c.
- PEPPER**—Sow in hot-bed January to April, outdoors May and June.
Sweet: California Wonder Bell, thick flesh; Chinese Giant, green when young, turning bright red; Pimiento, cone-shaped, green, turning ruby.
Hot: Anaheim Chili, pleasing pungency. Pkts., 10c.
Plants: April to June; California Wonder, Pimiento, Chili; 35c doz.
- POTATOES**—Set December to April; Oregon-grown, certified stock: White Rose, best for Southern California; Red Rose, plant early; British Queen, white.
- PUMPKIN**—Sow March to July; Connecticut Field (Jack O'Lantern), for pies or stock; Pie (Sugar), finest quality; Mammoth King, largest. Oz., 20c; pkts., 5c.
- RADISH**—Sow any time; Early Scarlet Globe, best; French Breakfast, olive-shaped, red; Icicle, crisp and mild; Long Scarlet; Scarlet Turnip; Scarlet Turnip, White Tipped; Large White Chinese Winter. Oz., 20c; pkts., 5c.
- RHUBARB Roots**—Set December to March; Giant Crimson Winter, 15c each.
- ROSELLE (Queensland Jelly Plant)** — Sow in April: ornamental; resists drought; use pods as soon as flowers drop, for jelly. Oz., 75c; pkt., 10c.
- SALSIFY (Vegetable Oyster)**—Sow in spring, and dig in fall and winter; Mammoth Sandwich Island, best. Oz., 25c; pkt., 5c.
- SPINACH**—Sow October to March; Giant Thick Leaved, large, tender; Prickly-seeded Dark Green, best winter; Summer Success; New Zealand, spreading vine, with tips used like spinach for greens. Pkts., 5c.
- SQUASH**—Sow March to July.
Summer: Early White Bush Scallop (Patty Pan); Italian Marrow (Zucchini); Yellow Crookneck.
Winter: Banana; Delicious, finest flavored; Hubbard; Table Queen, small, delicious. Oz., 20c; pkts., 5c.
- SWEET POTATO Plants**—Set April to June; Yellow Jersey; Nancy Hall; Porto Rico Yam. 15c doz.; \$1 per 100.
- SWISS CHARD (Spinach Beet)**—Sow January to September; Large Ribbed White, leaves for greens and leaf-stalks good asparagus substitute; Lucullus, curly leaves, for greens, or chickens. Oz., 15c; pkts., 5c.
- TOMATO**—Sow January to March, in hot-beds, outside in April; staking is advisable; Earliana, best early; Marglobe, wilt resistant, medium-size, deep scarlet; Ponderosa (Beefsteak), best large; Stone, excellent, solid; Yellow Pear, small, firm, mild; Ground Cherry, small, light green, in husks. Pkts., 10c.
Plants: March to May, Stone, Beefsteak, 25c doz.
- TURNIP**—Sow September to March; Early White Flat Dutch; Strap-leaved, mild and sweet; Purple Top Globe, fine table sort; Snowball; Orange Jelly (Golden Ball, best yellow).
Rutabaga, American Purple Top; much larger and more mild than turnips. Oz., 20c; pkts., 5c.

Garden Books

For increased joy in gardening, or for specialized reading on your favorite garden subject, include one or several of these authoritative books with your seed order.

American Alpines in the Garden, McCully	19 ill.;	262 pp.	\$ 2.50	
Annuals in the Garden, Ortloff.	17 ill.;	88 pp.	1.00	
Azaleas and Camellias, Hume..	14 ill.;	90 pp.	1.50	
The Book of Annuals, Hottes..	70 ill.;	170 pp.	1.50	
The Book of Bulbs, Rockwell..	187 ill.;	264 pp.	2.00	
The Book of Climbing Plants, Hottes	79 ill.;	250 pp.	1.75	
The Book of Garden Flowers, McCurdy	115 ill.;	300 pp.	3.00	
The Book of Perennials, Hottes	70 ill.;	200 pp.	1.50	
The Cactus Book, Houghton...	18 ill.;	145 pp.	2.25	
California Fruits, Wickson....	22 ill.;	505 pp.	4.00	
California Garden Flowers, Wickson	15 ill.;	225 pp.	2.50	
California Vegetables, Wickson	20 ill.;	319 pp.	2.00	
The Care of Ornamental Trees, Greeves-Carpenter		70 pp.	1.25	
Commercial Horticulture, Bahr		615 pp.	5.50	
The Cultivated Evergreens, Bailey	162 ill.;	434 pp.	3.00	
Dahlias, Rockwell.....	65 ill.;	80 pp.	1.00	
English Pleasure Gardens, Nichols	150 ill.;	320 pp.	2.50	
Evergreens, Rockwell.....	67 ill.;	84 pp.	1.00	
Fertilizers, Laurie & Edmond..	22 ill.;	147 pp.	2.00	
Fertilizers, Voorhees.....	29 ill.;	310 pp.	2.50	
Garden Cinderellas (Lilies), Fox	51 ill.;	269 pp.	5.00	
The Gardener, Bailey.....	116 ill.;	260 pp.	2.00	
Gardener's Dictionary, Johnson's, edited.....		923 pp.	7.00	
Gardening in California, Mitchell	28 ill.;	300 pp.	2.50	
Gardening with Peatmoss, Rockwell	25 ill.;	72 pp.	1.00	
Gardens of South Africa, Fairbridge	15 color ill.;	212 pp.	4.25	
Gladiolus, Rockwell.....	45 ill.;	79 pp.	1.00	
The Herb Garden, Bardswell	16 color ill.;	189 pp.	3.00	
Hortus: A Concise Dictionary of Gardening, Bailey.....	35 ill.;	652 pp.	10.00	
How to Grow Roses, Pyle.....	138 ill.;	211 pp.	2.00	
Iris es, Rockwell.....	54 ill.;	80 pp.	1.00	
Lawns, Rockwell.....	39 ill.;	87 pp.	1.00	
Manual of Gardening, Bailey..	350 ill.;	539 pp.	3.00	
Manual of Spraying, Cockerham	8 ill.;	87 pp.	1.25	
Modern Dahlia Culture, Waite.		130 pp.	1.50	
Mushroom Growing, Duggar...	15 ill.;	250 pp.	2.00	
The Nursery Manual, Bailey...	240 ill.;	456 pp.	2.50	
Patio Gardens, Fox.....	98 ill.;	247 pp.	6.00	
Perennial Gardens, Ortloff....	18 ill.;	90 pp.	1.25	
Practical Garden Book, Holmes		96 pp.	1.00	
Practical Plant Propagation, Hottes	153 ill.;	224 pp.	2.00	
Pronouncing Dictionary of Plant Names.....		36 pp.	.25	
Pruning Manual, Bailey.....	381 ill.;	400 pp.	2.50	
Rock Gardens and Alpine Plants, Correvon	33 ill.;	560 pp.	6.00	
Rock Gardens, Rockwell.....	31 ill.;	86 pp.	1.00	
The Rose in America, McFarland	66 ill.;	233 pp.	3.00	
Roses, Rockwell.....	74 ill.;	88 pp.	1.00	
Shrubs, Rockwell.....	49 ill.;	76 pp.	1.00	
Southern California Gardening, Trask	7 ill.;	64 pp.	1.25	
Standard Cyclopaedia of Horti- culture, Bailey.....	3 vol.;	5000 ill.;	3637 pp.	25.00
Tropical and Sub-Tropical Fruits, Popenoe.....	24 ill.;	474 pp.	4.50	

Novelties

CANTERBURY BELL, New Annual, blooms in six months (seed sown in January blooms by June), plants two feet tall, with six to eight spikes of large, single bell-flowers, in light and dark blue, pink, rose and white. Mixed. Pkt., 25c.



Double Yellow Coreopsis

COREOPSIS, Double Yellow, as hardy a plant, and effective a cut-flower as the single form, with three or four rows of frilly petals about the golden center. Pkt., 15c.

HOLLYHOCK, Triumph New Double, the loosely-double flowers wavy-petalled in a splendid new range of colors. Mixed. Pkt., 25c.

MARIGOLD, Guinea Gold. Large, loose-petalled orange flowers, resembling carnations, beautiful and lasting when cut; plants grow two feet high. Pkt., 15c.

NASTURTIIUM, Double Golden Gleam. Large, deep golden yellow, fragrant flowers, on long stems. The first noteworthy advance in this popular flower for years, it makes of the nasturtium a splendid cut flower. Pkt., 20c.

VIRGINIAN STOCK, Crimson Gem, very dwarf and compact, for an unusual winter and early spring edging. Try it in front of *Primula obconica*. Pkt., 10c.

Among other worth-while recent introductions, listed in the body of this catalog, are **Antirrhinum**, Majestic varieties; **Arctotis** Hybrids; **Aster**, California Giant Sunshine, **Nasturtium**, Lilliput types; **Primula malacoides**, True Rose; **Stock**, Nice, Pure Rose Pink; **Zinnia**, Crown o' Gold; and **Zinnia**, Scabiosa-flowered.